

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016866**Date Inspected:** 22-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Chuck Kanapicki**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI completed the informal review of the contractor's welding report submittal # 1536 Rev. 27. The QAI noted that the reviewed documents appeared to be conforming to the contract requirements and relayed this information to the QAI Lead Bill Levell. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI also continued generating a weld specific tracking list from the submitted welding reports. The QAI was later given the formal submittal of the contractor's welding reports submittal # 1536 Rev. 27. The QAI began reviewing the submittal for conformance to the contract requirements.

The QAI was given the contractor's welding repair requests and filed them into the tracking book. The QAI noted that the submittals # 1503 Revisions 52, 53, 54 & 55 for weld repairs at field splice location 6W/7W-A.

The QAI accompanied the QAI Robert Mertz, the Structural Materials Representative (SMR) Jason Lee and ABF representative Chuck Kanapicki in conducting the post arrival inspection of voyage 3 and 4 components. During the inspection, the QAI noted that painted surfaces have been marred from general shipping and handling. There was no other shipping related damage observed during this inspection. The QAI noted that parts examined include tower struts, strut facades, diaphragm and ring beam components. The QAI noted that spare components are in storage and according to ABF representative Chuck Kanapicki, the parts in the storage yard were examined by

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Sanny Khow. The QAI noted that at this time, all major components of Voyage 3 & 4 have been examined for post arrival inspection. See the attached photos.



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, there were general conversations about the appearances and locations of the components to be examined for the post arrival inspection. The QAI relayed the observations of post arrival inspection and the status of submittal reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations or observations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
